

## CORRECTIONS, ADDITIONS, AND CHANGES.

### MONTHLY WEATHER REVIEW FOR 1898.

January, 1898, St. Paul, Minn., make precipitation 0.56. Freehold, N. J., make precipitation 3.22. Westpoint, N. Y., make precipitation 4.80. Forks of Neshaminy, Pa., make precipitation 3.88.  
 February, 1898, Valparaiso, Ind., make precipitation 1.26.  
 April, 1898, Weeping Water, Nebr., make precipitation 3.61. Bryson, N. C., make precipitation 5.40.  
 May, 1898, Blaine, Nev., make precipitation 2.81.  
 June, 1898, Decatur, Tenn., make precipitation 4.35.  
 July, 1898, Florence, Tenn., make precipitation 8.66.  
 August, 1898, Bar Harbor, Me., make precipitation 2.92. Westpoint, N. Y., make precipitation 9.08. Desmet, S. Dak., make precipitation 0.62.

October, 1898, Clinton, Tenn., make precipitation 4.63.  
 November, 1898, Groton, Mass., make precipitation 6.20. Lynch, Nebr., make precipitation 0.08.

December, 1898, page 562, column 2, line 20, for "Hutchinson County Herald" read "Dakota Republican." Page 567, column 1, lines 6-8, for "H. W. Richardson" read "Norman B. Conger."

December, 1898, Cedarville Cal., make precipitation 1.17.  
 December, 1898, column 1, page 362, the rainfall at Colon in 1895 may be erroneous; see MONTHLY WEATHER REVIEW, May, 1899, page 203.

### MONTHLY WEATHER REVIEW FOR 1899.

Page 5, column 1, line 28 from bottom, for "eastward to the line" read "eastward, the line."

Page 13, Honolulu table, for "ground is 50 feet," etc., read "ground is 43 feet above sea level. Barometer cistern is 50 feet above sea level;" column 10 for "maximum force" read "force."

Foot note, for "mean pressure 29.97" read "29.99." For "the means of  $2 + 9 + 6 \div 4$ " read " $6a + 9a + 2p + 9p \div 4$ ," and similar corrections for February, 1899, on page 56.

Page 22, column 2, Newport b, insert rainfall "5.98" and snow "8.0;" Witts Springs, mean temperature, for "34.8" read "35.6."

Page 23, column 3, Griffin, insert rainfall "4.30" and snow "T."

Page 24, column 2, Connorsville, insert rainfall "4.98" and snow "1.1;" Princeton, insert rainfall "3.20" and snow "2.0;" Vincennes, insert rainfall "3.75" and snow "5.0."

Page 26, column 1, Humboldt, insert rainfall "1.98" and snow "3.0;" column 2, Tower, insert rainfall "0.90" and snow "9.0;" Wabasha, insert rainfall "1.06" and snow "8.2;" Worthington, insert rainfall "0.57" and snow "2.3;" Greenwood, insert rainfall "7.20" and snow "0.6."

Page 27, column 1, Shelby, insert rainfall "1.76" and snow "16.2;" Wibaux, insert rainfall "T" and snow "T;" column 2, Carlin, mean temperature, for "33.4" read "20.5."

Page 28, column 1, Avon, rainfall, for "0.81" read "1.44;" Hemlock Lake, rainfall, for "22.1" read "22.4;" Honeymead Brook, rainfall, for "24.0" read "24.2;" column 2, Lockport, insert rainfall "1.60" and snow "6.0;" South Kortright, insert rainfall "1.35;" Plattsburg Barracks, mean temperature, for "16.5" read "16.4;" Westfield, insert rainfall "1.23" and snow "T;" Willetts Point, mean temperature, for "30.6" read "30.7;" column 3, Dupont, insert maximum temperature "52" and mean temperature "23.1."

Page 29, column 1, Milfordton, insert maximum temperature "55," minimum temperature "—10," and mean temperature "24.0;" Ripley, rainfall, for "4.06" read "3.88" and snow, for "19.1" read "19.0;" column 2, Prineville, insert rainfall "0.23" and snow "1.0;" Sparta, insert rainfall "5.17" and snow "48.0;" Altoona, mean temperature, for "25.0" read "25.1."

Chart IV, legend, last line, for "Table VII" read "Table VI."  
 Page 41, column 2, line 23 from bottom, for "Charts X and XIII" read "Charts X to XIII."

Page 46, column 1, lines 22 and 24 from bottom, for "Hiawasee River" read "Hiwassee River."

Page 56, Honolulu table, line 7, for "maximum force" read "force;" line 32 from bottom, maximum temperature, for "77.0" read "78.5."

Page 59, line 14 from bottom, for "the changes" read "or the changes."

Page 63, second column, line 14, for "J. J. Cox" read "H. J. Cox;" line 22 from bottom, for "Worcester" read "Wooster."

Page 64, column 1, line 19, for "Charles" read "William."

Page 68, column 1, Allaire Ranch, insert rainfall "0.61;" column 2, Lacrosse, insert rainfall "1.00" and snow "3.0;" Prescott, strike out maximum, minimum, and mean temperature.

Page 69, column 1, Alexander Lakes, rainfall, for "2.65" read "1.77," insert snow "2.65;" Gunnison, insert rainfall "0.30" and snow "4.0;"

column 2, Ruby, rainfall, for "5.04" read "5.70" and snow, for "69.0" read "79.0;" Estero, minimum temperature, for "22" read "28;" column 3, Columbus, insert rainfall "4.88;" Lagrange, rainfall, for "5.60" read "6.09" and snow, for "0.0" read "4.0."

Page 70, column 2, Greensburg, insert rainfall "3.06" and snow "18.6."

Page 71, column 2, Gardiner, strike out rainfall; column 3, Charlotte Hall, insert maximum temperature "75," minimum "—19" and mean "25.6."

Page 72, column 2, Caledonia, rainfall, for "2.41" read "1.41;" Minnesota City, mean temperature, for "9.8" read "9.4;" Montevideo, insert rainfall "0.88" and snow "7.0;" Briers, insert rainfall "3.39" and snow "4.0;" Crystals Springs, insert rainfall "3.04" and snow "2.7;" Fayette, rainfall, for "2.89" read "3.54."

Page 74, column 1, Bolivar, rainfall, for "17.98" read "2.03;" column 2, Fleming, strike out rainfall and snow data; Little Falls, insert rainfall "2.74" and snow "35.0;" Madison Barracks, maximum temperature, for "55" read "56," mean temperature for "10.0" read "18.8;" Plattsburg Barracks, mean temperature, for "11.4" read "16.2;" Westpoint, mean temperature, for "25.9" read "24.8;" Willetts Point, mean temperature, for "25.1" read "26.1."

Page 75, column 1, Springboro, rainfall, for "1.55" read "1.25."

Page 76, column 2, Albany, enter rainfall "0.20" and snow "2.0;" column 3, Duval, insert rainfall "0.92" and snow "T."

Page 77, column 1, Scipio, insert rainfall "2.08" and snow "15.0;" Tropic, minimum temperature, for "—5" read "—7;" column 3, Sheridan, rainfall, for "1.52" read "1.62" and snow, for "15.2" read "16.2."

Chart IV, legend, last line, for "Table VII" read "Table VI."

Page 102, column 2, line 35 from bottom, for "by a knowledge" read "upon a knowledge."

Page 112, column 1, line 25 from bottom, for "voluntary observer" read "Observer Weather Bureau."

Page 119, Salt Lake City, for "4,344: 83:90" read "4,360: 105: 110," and the same corrections to be made on pages 167, 221, 263, 319, 371.

Page 120, column 2, Lacrosse, insert rainfall "1.70" and snow "T;" column 3, Greenville, snow, for "7.76" read "7.82."

Page 121, column 2, Trinidad, minimum temperature, for "—24" read "0" and mean temperature, for "18.6" read "27.4;" Estero, mean temperature, for "70.6" read "68.9;" column 3, Toccoa, rainfall, for "9.91" read "9.14;" Pollock, insert rainfall "0.70."

Page 122, column 2, Marengo, rainfall, insert "8.43" and snow "3.2;" column 3, Ridgeway, insert rainfall "5.90" and snow "20.0."

Page 123, column 3, Chewsville, insert rainfall "4.28" and snow "4.0."

Page 124, column 2, Mapleplain, mean temperature, for "15.7" read "15.9;" Pokegama Falls, mean temperature, for "—8.2" read "8.2;" column 3, Thornton, insert rainfall "45.0."

Page 125, column 1, Arapaho, mean temperature, for "29.8" read "25.9;" column 3, Carlin, insert rainfall "1.75" and snow "12.0;" Golconda, insert rainfall "1.06" and snow "7.0;" Hot Springs, insert rainfall "T" and snow "T."

Page 126, column 2, Number Four, mean temperature, for "23.8" read "23.6;" Plattsburg Barracks, rainfall, for "2.65" read "2.90."

Page 127, column 2, Mangum, insert rainfall "0.00" and snow "0.0;" Aurora, insert mean temperature "43.0;" Brownsville, insert rainfall "4.58" and snow "1.2;" Comstock, insert rainfall "7.76" and snow "6.0;" Merlin, insert mean temperature "4.13;" Monmouth, insert rainfall "3.12" and snow "0.8;" Sheridan, insert rainfall "3.67" and snow "2.0;" Springfield, insert rainfall "5.08" and snow "4.0;" West Fork, insert rainfall "7.83" and snow "2.5;" column 3, East Mauch Chunk, rainfall, for "3.75" read "5.75;" Towanda, maximum temperature, for "53" read "63."

Page 128, column 3, Roby, strike out minimum and mean temperature data; Corinne, minimum temperature, for "15" read "7" and mean temperature, for "34.6" read "37.2."

Page 129, column 1, Manassas, insert rainfall "4.14" and snow "T;" column 2, Parsons, insert rainfall "5.70" and snow "7.0;" Brodhead, rainfall, for "1.57" read "1.41;" Citypoint, insert rainfall "1.25" and snow "12.5."

Chart IV, note, last line, for "Table VII" read "Table VI."

Page 158, column 1, line 31 from bottom, for "is" read "was," line 30 from bottom, for "a director" read "director."

Page 167, column 3, Basseterre, miles per hour, for "30" read "24," date, for "8" read "9."

Page 169, column 2, Grasmere, rainfall, for "68.4" read "68.3."

Page 171, column 3, Cumberland Mills, rainfall, insert "1.31."

Page 175, column 2, Rittman, strike out minimum and mean temperature data.

Page 178, column 3, Weeping Water, rainfall for "2.49" read "3.05."

Page 201, column 2, fig. 4, for "hourly departures" read "hourly reductions."

Page 203, column 2, line 23 from bottom, for page 352 read 362.

Page 216, column 2, table, Southern Slope, for "+1.2" and "+0.2" read "-11.8" and "-2.4."

Page 221, column 7, Bridgetown, for "49.7" read "79.7;" column 11, Basseterre, for "75" read "84," column 14, for "80" read "75." Note, line 2 from bottom, for "mumber" read "number."

Page 223, column 3, Ola, mean temperature, for "51.2" read "51.4."

Page 226, column 2, Leech Lake, minimum temperature, for "26" read "25;" Minnesota City, mean temperature, for "62.5" read "62.2;" column 3, Gorin, rainfall, for "7.84" read "9.24."

Page 228, column 2, Plattsburg Barracks, strike out data for minimum and mean temperatures.

Page 229, column 1, Bigprairie, insert snow, "3.84."

Page 230, column 3, transfer data (5.47) from mean temperature to rainfall column.

Page 231, column 2, Chehalis, rainfall, for "3.70" read "3.81."

Page 257, column 2, line 27 from bottom, for "July, 1884" read "August 27, 1883."

Page 259, table average temperatures, etc., Southern Slope, for "-0.5" read "-13.5" and for "-0.1" read "-2.2"

Page 265, column 2, Brooksville, mean temperature, for "81.9" read "81.7."

Page 266, column 3, Mount Pleasant, insert rainfall "2.02."

Page 267, column 1, Gove, insert rainfall "2.64."

Page 268, column 2, Detroit City, rainfall, for "8.66" read "8.06;" Faribault, mean temperature, for "67.6" read "67.0."

Page 270, column 2, Plattsburg Barracks, strike out data for minimum and mean temperatures.

Page 271, column 1, Hiram, insert minimum temperature "47" and mean temperature "69.5."

Page 272, column 1, Winnsboro, minimum temperature, for "23" read "53."

Page 273, column 2, Fond du Lac, mean temperature, for "67.6" read "67.5;" column 3, Lancaster, insert rainfall "5.82."

Page 310, column 2, line 13 from bottom, for "40° C., or 90° F." read "less than 40° F.;" line 12 from bottom, for "98.5° F." read "141° F."

Page 311, column 1, line 35, for "effects" read "affects."

Page 323, column 2, Jeanerette, insert rainfall "5.60."

Page 326, column 1, Albuquerque, insert rainfall "3.23;" column 2, Plattsburg Barracks, strike out all temperature data and for rainfall read "3.31" instead of "3.51."

Page 327, column 2, Rittman, strike out minimum and mean temperature; Klamath Falls, insert rainfall "0.00;" column 3, Chambersburg, rainfall, for "3.01" read "3.04."

Page 328, column 1, Towanda, mean temperature, for "70.7" read "70.6."

Page 329, column 3, Heafford Junction, strike out minimum and mean temperatures.

Page 331, Table IV, columns 5 and 6, headlines, for "5 a. m." and "4 a. m." read "4" and "5" respectively.

Page 371, column 1, Kingston, barometer, for "358" read "286;" Port of Spain, barometer, for "286" read "40;" Puerto Principe, barometer, for "40" read "352." Same corrections on pages 427 and 481.

Page 373, column 3, Wausau, insert rainfall "4.93."

Page 374, column 2, Hartshorne, strike out minimum and mean temperatures; Kemp, strike out maximum and mean temperatures.

Page 379, column 3, Coatesville, mean temperature, for "74.1" read "74.2;" Quakertown, mean temperature, for "72.9" read "72.2;" Somerset, rainfall, for "4.17" read "4.71."

Page 380, column 1, Blackville, mean temperature, for "81.9" read "82.0;" column 2, Palmetto, rainfall, for "1.08" read "2.01," Springfield, insert rainfall "3.35;" column 3, Jasper, insert rainfall "5.95."

Page 381, column 1, Terrace, strike out all temperature data; column 3, Oconto, insert rainfall "2.78."

Page 411, line 12 from bottom, for "temperature" read "pressure."

Page 413, column 2, Table 1, Washington elevation, for "115" read "210."

Page 415, Table 1, column 6, for "68" read "60;" column 2, Table 1, first line, column for May, for "-68" read "-60."

Page 417, column 2, line 12, strike out "lies."

Page 419, column 2, line 21, for "Senor" read "Signor."

Page 434, column 1, Fort Niagara, mean temperature, for "61.6" read "61.2."

Page 435, column 2, Cassandra, mean temperature, for "59.3" read "59.4;" column 3, Huntingdon a, temperature, for "59.7" read "62.2."

Swarthmore, minimum temperature, for "31" read "37;" Uniontown, mean temperature, for "63.0" read "63.1."

Page 470, column 1, title, for "Phillipines" read "Philippines."

Page 472, column 2, line 28 from bottom, for "and stars" read "of the stars."

Page 482, column 2, Ozark, mean temperature, for "68.7" read 68.8."

Page 483, column 2, Kissimmee, minimum and mean temperatures, for "53" and "76.8" read "54" and "76.4."

Page 487, column 1, Corvallis, insert rainfall, "1.25."

Page 488, column 2, Fort Niagara, mean temperature, for "53.2" read "54.6."

Pages 505 and 538, Tables of heights of rivers for November and December, make the following changes: Evansville, for "148" read "184;" Carthage, for "175" read "257;" Nashville, for "257" read "175;" Arthur City, for "80" and "25" read "688" and "27;" Fulton, for "688" and "27" read "565" and "28;" Shreveport, for "565" and "28" read "449" and "29;" Alexandria, for "449" and "29" read "139" and "33."

Page 543, Table 6, last column, for "763" read "703" and for "186" read "420." Table 7, column 2, for "0.42" read "0.44," and for "0.73" read "0.61," and for "0.66" read "0.64;" column 4, for "0.40" read "0.42;" for "0.90" read "0.66;" for "0.73" read "0.68."

The following changes have been made in the names of stations during the year:

Arizona, "Sulphur Spring Valley" changed to "Allaire."

California, "Saticoy" changed to "West Saticoy."

California "Lime Kiln" changed to "Lemoncove."

Colorado, "Millbrook" changed to "Westcliffe."

Missouri, "Farmersville" changed to Hazelhurst.

New York, "Lake George" changed to "Caldwell;" "Niagara Falls" changed to "Mayle."

New Mexico, "Eddy" changed to "Carlsbad."

North Dakota, "Goetz" changed to "Donnybrook."

South Dakota, "Montrose" changed to "Hartman."

Washington, "Hunters" changed to "Cedonia."

The observations formerly accredited to "Chandler," S. Dak., are now published as having been made at "Academy," that place being the post office address of the observer.